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(54) DATA MAINTAINING SYSTEM UTILIZING DATA
DEFINITION SENTENCE

maintained just like being existent in one spot.

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(57) Abstract

PURPOSE: To automatically update relating data recorded to various files when the data are updated by providing relation mutually between the data in a data definition sentence.

CONSTITUTION: A data structure definition processing means 2 is provided to read a data structure definition sentence 1 to each file and to execute the analysis and transform of the sentence, and a data definition storing means 3 is provided to store the transformed data structure definition sentence. An applied program translation executing means 5 is provided to transform it to an execution form by referring the definition sentence 1 whether a data index described in an applied program 4 is defined or not, and to change the contents of the file with the relative data. A relative data maintenance control means 6 is provided to maintain the other relative file when the contents of the file are changed, and an external file input/output control means 7 is provided to execute input/output processing to an external file 8. Thus, even when the same data exist over the plural files, the data can be automatically

